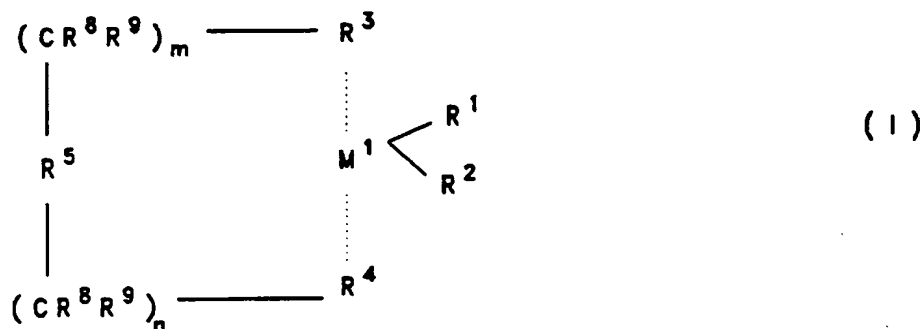


Abstract of the disclosure

Polyolefin molding composition having a broad melting range, process for its preparation, and its use

Polyolefin molding compositions which have a broad, bimodal or multimodal melting range in the DSC spectrum, where the melting range maximum is between 120 and 165°C, are obtained by polymerization or copolymerization of at least two olefins to give polyolefins of different melting point. The olefins have the formula  $R^aCH=CHR^b$ , and the catalyst system comprises an aluminoxane and at least two transition-metal components of the formula I



in which

$M^1$  is Zr, Hf or Ti.